

4.5 EUT Description

The following features describe EUT represented by this report:

Item	Specification and Description
Processor	A1500 (600MHZ)
Standard System memory	128MB DDR3 on all configurations (default)
Resolution	Up to 1200 dpi Effective Output (Addressable 1200 x 1200 dpi)
Copy Quality mode	Text > Scan: 600x600 dpi Text/Photo > Scan: 600x600 dpi Photo > Scan: 600x600 dpi
Paper Handling	Paper Tray(standard) 150 Sheets Optional Cassette : N.A
Power Rating	110VAC ~ 127VAC, 5A, 50/60 Hz
Power Consumption	Power save mode : 0.95 Watts Stand by mode : 30 Watts Copying mode: 310 Watts
Printer Language	SPL
PC Interfaces	USB2.0, Ethernet 10/100 Base TX, Wireless 802.11 b/g/n
OS compatibility	Windows8(32/64bit)/2012 2008 Server R2(64bit)/Windows7(32/64bit)/XP(32/64bit)/2003(32/64bit)/Vista(32/64bit)/2008 Server(32/64bit)/2008 Server R2(64bit) Various Linux OS: RedHat Enterprise Linux 5, 6 Fedora 11, 12, 13, 14, 15, 16, 17, 18 OpenSuSE 11.0, 11.1, 11.2, 11.3, 11.4, 12.1, 12.2, 12.3 Ubuntu 10.04, 10.10, 11.04, 11.10, 12.04, 12.10 SuSE Linux Enterprise Desktop 10, 11 Debian 5.0, 6.0 Mint 13, 14 Mac OS 10.5~10.8
Modes of Operation	USB Printing, Network Printing, Platen Scan to PC, Platen Copy, ADF Scan to PC, ADF Copy Wireless Printing
Intended Class for Emissions	Class B

4.6 Test configuration and condition

Item	Model Name	S/N	Manufacturer
MAIN BOARD	SL-M2070FW	JC92-02689A	SEC
SMPS/ HVPS	BLUEJAY-V1	JC98-02554A	SUNGHO
	BLUEJAY-V1		SHANDONG NEW COWITEL

The system was configured for testing in typical fashion use. Cables were attached to each of the available I/O Ports. Where applicable, peripherals were attached to the I/O cables. The mode of operation utilized for testing was selected to best simulate typical EUT use.

The EUT was measured all testing with toner cartridge.

Power source for the EUT operating was supplied by CVCF made by the Pacific Corp.

- Test Voltage : AC 120 V, 60 Hz

4.7 Measurement uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus: (According to CISPR 16-4 and UKAS Lab 34.)

4.7.1 Emission

Test type		Measurement uncertainty (C.L. 95 %, k = 2)
Conducted disturbance	Main terminal (ITE)	3.31 dB
Radiated Disturbance (Below 1 GHz)	Horizontal	4.69 dB
	Vertical	4.83 dB
Radiated Disturbance (Above 1 GHz)	Horizontal	5.61 dB
	Vertical	5.60 dB